

370~395M

AS370-395M6-120

MORE POWER

UP TO 21.65% Maximize the light absorption area, module efficiency up to 21.65%.

Low temperature coefficient (Pmax): -0.35 % / °C.

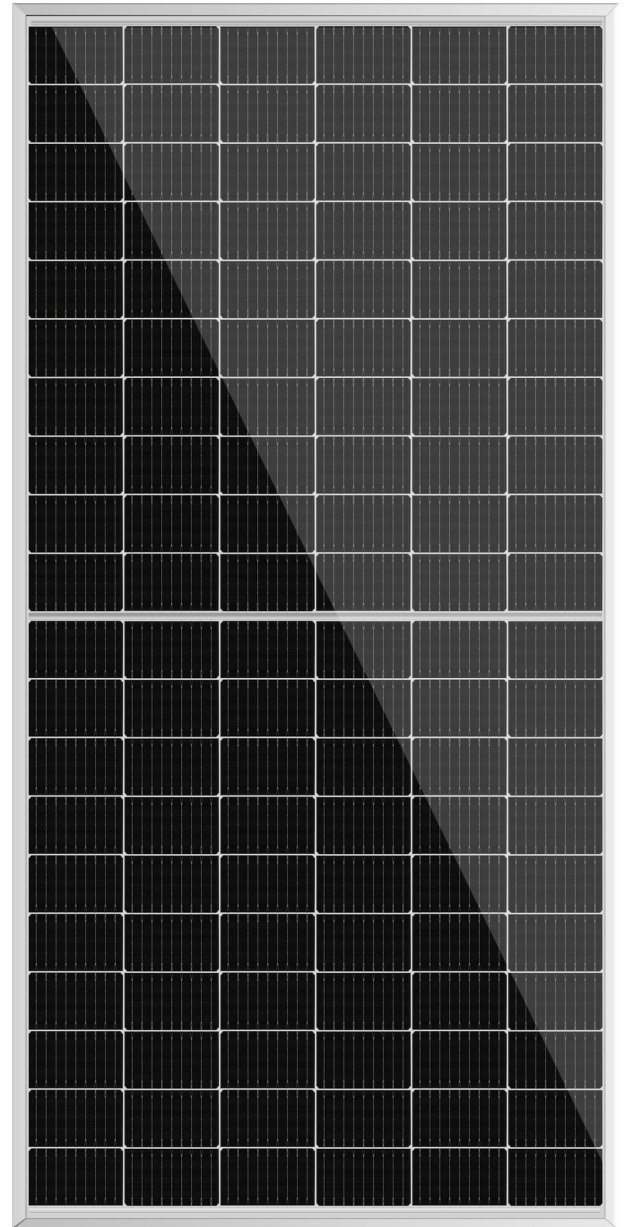
Better shading tolerance.

MORE RELIABLE

Lower internal current, lower hot spot temperature.

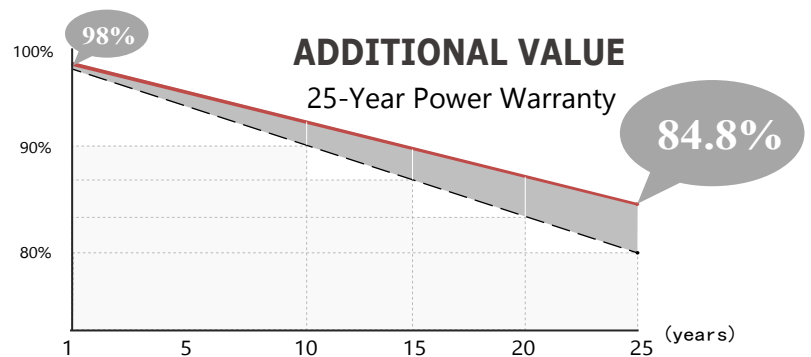
Cell crack risk limited in small region, enhance the module reliability.

******* Heavy snow load up to 5400 Pa, wind load up to 2400 Pa.



12 12-year Product Warranty

25 25-year Linear Performance Warranty



AS370-395M6-120

370-395W

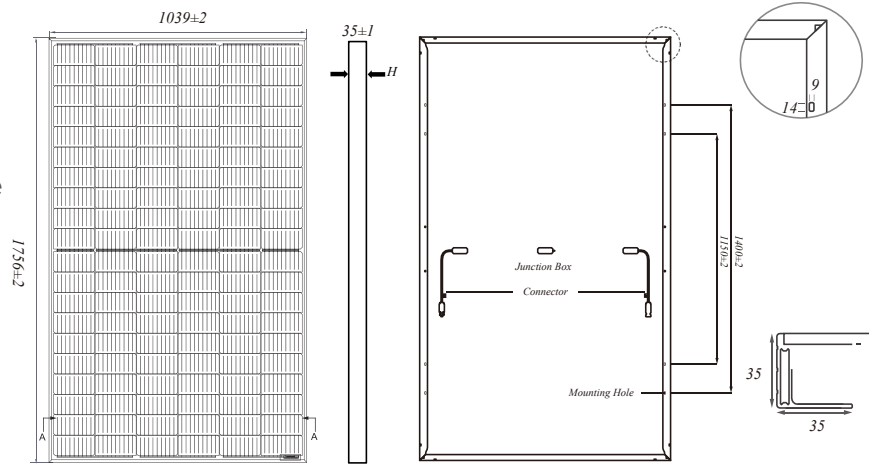
Half-Cell High Efficiency PV Module

Weight
20.5kgs±3%

Cells Type
Mono 166x83mm

Dimension(LxWxT)
1756±2mmx1039±2mmx35±1mm

Packaging
31pcs/pallet, 858pcs/40HQ container



Front Side Back
Remark: customized frame color and cable length available upon request

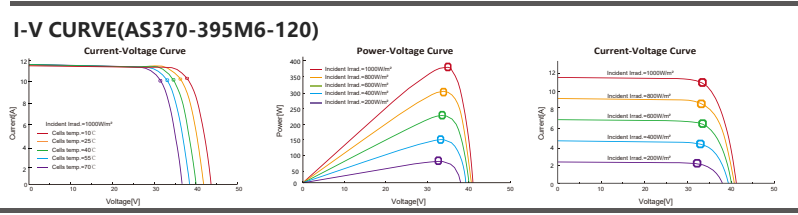
MECHANICAL SPECIFICATION		OPERATING PARAMETERS	
Cell	Mono	Maximum System Voltage	1500VDC
No.of cells	120(6x20)	Operating Temperature	-40°C~ +85°C
Cable Length	300mm(+)/300mm(-)	Maximum Series Fuse	20A
Cable Cross Section Size	4mm ² (IEC)	Maximum StaticLoad,Front	5400Pa(112lb/ft ²)
Junction Box	IP67,3 diodes	Maximum StaticLoad,Back	2400Pa(50lb/ft ²)
Connector	MC4 Compatible	Safety Class	ClassII

ELECTRICAL CHARACTERISTICS STC:AM1.5 1000W/m² 25°C NOCT:AM1.5 800W/m² 20°C 1m/s Test uncertainty for Pmax ±3%

Module Type	AS370M6-120		AS375M6-120		AS380M6-120		AS385M6-120		AS390M6-120		AS395M6-120	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	370	280	375	284	380	287	385	291	390	295	395	298.5
Open Circuit Voltage(Voc/V)	41.30	38.65	41.45	38.89	41.62	39.14	41.78	39.37	41.94	39.63	42.10	39.87
Short Circuit Current(Isc/A)	11.35	9.20	11.41	9.25	11.47	9.30	11.53	9.35	11.58	9.40	11.63	9.45
Voltage at Maximum Power(Vmp/V)	34.23	32.30	34.50	32.55	34.77	32.72	35.04	32.96	35.33	33.20	35.62	33.44
Current at Maximum Power(Imp/A)	10.81	8.66	10.87	8.71	10.93	8.78	10.99	8.83	11.04	8.88	11.09	8.93
Module Efficiency(%)	20.28		20.55		20.83		21.10		21.38		21.65	

TEMPERATURE RATINGS

Norminal Operating Cell Temperature(NOCT)	45±2°C
Temperature Coefficient of Isc	+0.044%/°C
Temperature Coefficient of Voc	-0.272%/°C
Temperature Coefficient of Pmax	-0.350%/°C



The specifications and key features contained in this datasheet may deviate slightly from our actual products due to the on-going innovation and product enhancement. Schutten Solar. reserves the right to make necessary adjustment to the information described herein at any time without further notice. Please be kindly advised that PV modules should be handled and installed by qualified people who have professional skills and please carefully read the safety and installation instructions before using our PV modules.